

REMARKS

Claim Rejections

Claims 1-23 have been rejected under 35 U.S.C. § 101 as allegedly being directed to non-statutory subject matter. Applicant traverses these rejections.

Applicants' claimed invention is not directed to non-statutory subject matter since the invention produces the useful and tangible result of interpreting reflectometry information. As the Examiner is aware, the complete specification, including the detailed description and any specific embodiments, must be reviewed to determine if the invention possesses a level of "real world value. MPEP § 2106 (II)-(II)(A).

As disclosed in the specification, Applicants' claimed invention provides specific, substantial and credible utilities related to interpreting reflectometry information. The specification discloses, *inter alia*, exemplary embodiments of the invention that provide telecommunications systems.

Further, the specification discloses that these exemplary embodiments are capable of extracting measurement-feature information related to system topology, for example, but not limited to, the start position of a peak and amplitude at this position, the position of its maximum and/or minimum and the amplitude at this position, the ending position of the peak and amplitude at this position, the energy, and the rest energy (Specification, page 4).

In view of the above, it is clear that Applicants' claimed invention is directed to statutory subject matter since the invention produces at least the useful and tangible result of interpreting reflectometry information as established above.

Since the Examiner admits that the prior art does not disclose an interpretation system as claimed by Applicants, and since Applicants' claimed invention is directed to statutory subject matter, Applicants respectfully request that the 35 U.S.C. § 101 rejections of claims 1-23 be withdrawn and the application be allowed to pass to issue .

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

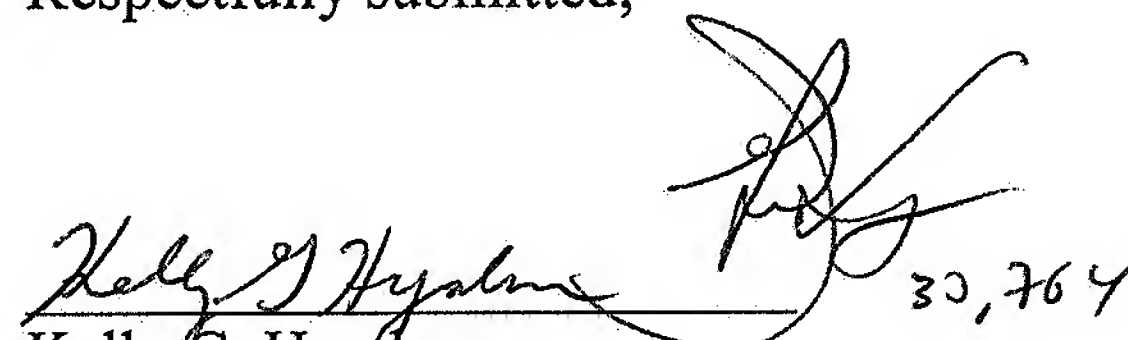
Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER


Kelly G. Hyndman
Registration No. 39,234

Date: June 23, 2006